Philips
LCD monitor

20"
UXGA

200P7MG

High productivity display for medical environment

The high-resolution, fast responding EN/IEC 60601-1 certified Philips 200P7MG monitor is designed to meet healthcare professionals' exacting performance and productivity.

Best total cost of ownership solution
- Empowered for Windows Vista
- EN/IEC 60601-1 certified for medical environments
- SmartManage compatibility enables LAN-based asset management

Outstanding front of screen performance
- UXGA, 1600x1200 resolution for sharper display
- Widest viewing angle up to 178 degrees
- Three signal input options for maximum display flexibility
- 16ms On/off response time: Better text and graphics display

Maximum comfort for maximum productivity
- 90 degree screen rotation and smart cable management

Great convenience
- Easy to adjust display settings with Philips SmartControl
- Built-in high-speed USB 2.0 solution for easy connections
- Easy plug-and-play DVI for a true digital experience

PHILIPS
sense and simplicity

LCD monitor
20" UXGA

200P7MG/00

Specifications

Picture/Display
- LCD panel type: 1600 x 1200 pixels, Anti-glare polariser, RGB vertical stripe
- Panel size: 20.1"/ 51 cm
- Effective viewing area: 408 x 306 mm
- Pixel pitch: 0.255 x 0.255 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- Display colours: 16.7 M
- Viewing angle: 178° (H) / 178° (V), @ C/R > 10
- Response time (typical): 16 (on/off) ms; 8 (grey to grey) ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1600 x 1200 @ 60Hz (digital input)
- Recommended Resolution: 1600 x 1200 @ 60Hz (digital input)
- Video Dot Rate: 202.5 MHz
- Horisontal Scanning Frequency: 30 - 98 kHz
- Vertical Scanning Frequency: 56 - 85 Hz
- sRGB

Connectivity
- Signal Input: Analog (VGA), DVI-I, DVI-D
- USB: 4 x USB 2.0
- Video Sync Input Signal: Composite Sync, Separate Sync, Sync on Green
- Video input impedance: 75 ohm
- Sync input impedance: 2.2k ohm
- Video input signal levels: 0.7 Vpp

Convenience
- Convenience Enhancements: On-screen Display, SmartManage enabled
- Monitor Controls: Auto, Brightness Control (Up/ Down), Left/Right, Menu (OK), Power On/Off
- OSD Languages: English, French, German, Italian, Russian, Spanish
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, sRGB, Windows 98/ME/2000/XP/Vista
- Regulatory Approvals: CE Mark, EMC, Energy Star, FCC-B, UL, CSA, SEMKO, TCO '03, TÜV/ GS, TÜV Ergo, EN/ IEC 60601-1
- Swivel: +/- 45°
- Tilt: -5° to 25°
- Pivot: 90° (counter-clockwise)
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, DVI-D cable, USB cable, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 551 x 520 x 277 mm
- Box dimensions in inch (W x H x D): 21.7 x 20.5 x 10.9 inch
- Set dimensions (W x H x D): 461 x 378.8 x 74.7 mm
- Set dimensions in inch (W x H x D): 18.1 x 14.9 x 2.9 inch
- Set dimensions with stand (W x H x D): 461 x 421 x 215.3 mm
- Set dimensions with stand in inch (W x H x D): 18.1 x 16.6 x 8.5 inch
- Height adjustment range: 130 mm
- Height adjustment range (inch): 5.1 inch
- MTBF: 50,000 hrs
- Relative Humidity: 20% - 80%
- Temperature range (operation): 5°C to 35°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 8.9 kg
- Product weight (+stand) (lb): 19.6 lb
- Weight incl. Packaging: 10 kg
- Weight incl. Packaging (lb): 22 lb

Power
- Complies with: Energy Star
- Consumption: 50 W (Typical)
- Off Mode: 1 W
- Power LED indicator: Operation - green, Stand by/sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

Product highlights

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organising information for work or play quick, efficient and easy.

Medical grade (EN/IEC 60601-1)
EN/IEC 60601 is an international standard for medical equipment published by Technical Committee of the International Electrotechnical Commission, the leading global organisation that prepares and publishes internaitonal standards for all electrical, electronic and related technologies. Sections of the standard govern general safety and electronic emissions. Compliance with stringent Medical Electrical Safety Standards (IEC 60601-1 / EN 60601-1) and Medical ECM Standards (IEC 60601-1-2, EN 60601-1-2) for medical monitors is a must for hospital equipment.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Widest viewing angle (178°)
The widest viewing angle up to 178 degree provides the clearest display from any angles.

Triple input
Triple input is a means for displaying digital and analog signals. A triple input monitor provides one D-Sub (VGA) and one DVI-I interface connector. The DVI-I interface connector accepts either a digital or an analog signal input via optional adapter for maximum display flexibility and 'insurance' from your monitor obsolete.

16ms response time (On-Off)
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and therefore, results in fewer visible image artifacts in the display of transition of text and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

Super Ergo Base
The Super Ergo base is a monitor base that delivers ergonomic display comfort and provides intelligent cable management. The base's people-friendly height, swivel, tilt and rotation angle adjustments position the monitor for maximum comfort that can ease the physical strains of a long workday; intelligent cable management reduces cable clutter and keeps the workspace neat and professional.

SmartControl
PC software for fine tuning display performance and settings. Philips offers users two choices for display setting adjustment. Either navigate the multilevel On Screen Display menu through buttons on the display itself or use the Philips SmartControl software to easily adjust the various display settings in a familiar way.

USB connectivity solution
The universal serial bus or USB is a standard protocol for linking PCs and peripherals. Because it delivers high speed at a low cost, USB has become the most popular method for connecting peripheral devices to a computer. By placing a USB 2.0 solution in a monitor, Philips provides a conveniently located, easy-to-use, high-speed USB connection for reading, writing, loading and transferring programs, data, digital media or music files to, from or among your PC and one or more USB devices.

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